

# PHOTOVOLTAIC PANEL CLEANING

## 1.0 Photovoltaic Solar Panel Array

### 1.1 REQUIREMENTS

- A. Test system using onsite software and note panel system integratory in a report delivered to the County prior to system disassembly.
- B. Remove panels from roof noting location within the system of each panel removed so it may be reinstalled in original location.
- C. Racks, supports and electrical equipment/wiring shall remain.
- D. Store panels off-site in a secure location, protecting from damage.
- E. Clean panels of dirt, mold and /or foreign debris.
- F. Return panels to roof location and reinstall in original panel layout on existing racks.
- G. Reconnect all panels and test installation for connection and operation.

### 2.0 PRODUCTS

- A. Soft brush.
- B. Clear softened water.
- C. 3% biodegradable soap-and-water solution.

### 3.0 EXECUTION

- A. Follow industry standard for photovoltaic installation, safety and maintenance instructions prior to removal and cleaning.
- B. Rinse solar each solar panel with clear water to clear away loose dirt.
- C. Use soft brush and soapy water from bucket to gently wash the surface of the panels.
- D. Rinse solar panels with clean water a second time.
- E. Squeegee panels dry.